

General Description

Glass fiber mesh fabrics combined with specially designed mesh surface treatments can be used in a wide range of applications.

We offer R 163 fabrics as an effective, customized solution for the prevention of cracks that form in render or reinforcement layer of external facades which are induced by construction techniques or temperature changes. It can also be used for a wide range of repair application, for example to bridge / cover any existing damage to wall surface

Technical characteristics

CAS 0326 - Glass Fibre Mesh Fabrics

Characteristics	Units Description	R 163 A101	
		Warp	Weft
Square Dimension	mm / informative value	5	5
Standard Width ⁽¹⁾	cm / individual value	100	
Roll Length ⁽¹⁾	m / individual value	50	
Treated Fabric Thickness	mm / informative value	0,65	
Loom state Fabric Weight	g/m ² / informative value	163	
Treated Fabric Weight	g/m ² individual value, minimum	200	
Treatment type	alkaliresistant without emollient, obstructing yarn drifting		

(1) Other dimension on request

Tensile strength (TS) and elongation:

Minimum individual tensile strength (N/50 mm) and maximum elongation (%) when reaching minimum tensile strength is ascertained according DIN EN ISO 13934-1 as per below.

	Tensile Strength		Elongation
	Nominal value	Individual value	Average value
Standard condition	2800/2800	2500 / 2500	4,0 / 4,0
Fast Test (6 hours)	1900/1900	1800 / 1800	4,0 / 4,0
3 ions solution (ETAG 004)		1300 / 1300 50 % / 50 %	

On request it is possible to test the tensile strength after:

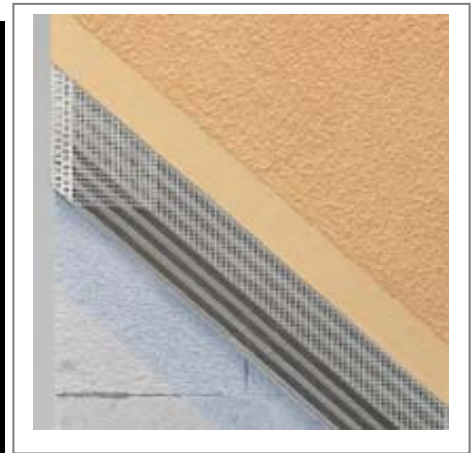
- 28 days in 5 % NaOH solution
- Fast test (24 hours) in 3 ions solution according to EN 13496

Additional Information

- **Quality inspection**
The way of quality inspection, taking of the samples and taking over of the material, is according to CAS 0326
- **Packing**
A precise method of packing is mentioned in the customer standard for packing
- **Storing**
Packed rolls are to be stored in dry rooms. Storing temperature is from -10 °C to + 50 °C

Properties

- Compatible with all types of rendering systems
- High dimensional stability
- Reliable reinforcement for external facades



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